



# Meeting Notes

## Outdoor Lighting Focus Group Meeting

**2:00 p.m. – Tuesday, May 19, 2009**

APS Conference Room, 101 West Cherry Ave, Flagstaff, AZ

### 1. Welcome and Introductions

#### In attendance:

Greg Brooks, City of Flagstaff  
Gerry Craig, Citizen  
Roger Eastman, City of Flagstaff  
John Grahame, Dark Skies Coalition  
Michael Knapp, The Lite Company  
Ed Larsen, City of Flagstaff  
Chuck Ley, City of Flagstaff  
Wes Lockwood, Citizen  
Chris Luginbuhl, Navel Observatory  
Steve Nelson, Dark Skies Coalition  
Mark Sawyers, City of Flagstaff  
Erick Souders, Friends of Flagstaff  
Mary Jo Tsitouris, City of Flagstaff

### 2. Focus Group Overview

Roger Eastman explained that 11 focus groups have been formed as part of the Land Development Code re-write process. These groups are not a “formal body” and do not fall under the open meeting laws. Meeting notes and agendas will be available on the City’s webpage in an effort to save resources.

### 3. Roles/expectations of the Focus Groups

The purpose of the focus group is to look at the “big picture” and try not to get into the “weeds” of each issue. The focus group members will focus on the main issues and determine whether or not the current code supports the issue, or if not, how to get there.

### 4. Roles/expectations of staff

City staff will provide technical support & expertise.

## 5. Issue review

### Key issues identified:

- Lighting inventory
- Revisit purpose – too astronomical
- Identify problem sections in the code
  - Where are there frequent violations?
- Energy efficiency
- Fixture availability
  - Residential
  - Commercial
- Need more education
  - City's webpage
  - Cityscape
- Home Depot (etc.)
  - Dark Sky compliance stickers
- Clearer defined residential standards
- Split residential and commercial
- Issues regarding new manufactured homes
- New lights on existing buildings
- Lumens verses "candle power"
- Landscape lighting
- Interior lighting spilling to exterior (Mall)
- Street lights – private streets
- Retail business lighting
- Light curfew
  - Parking lots
  - Schools
- Update sports lighting section
- Pedestrian lighting
- Transects – Roger to host presentation/discussion at next meeting
- LED lighting – technology advances
- Color rendition
- Architectural lighting
- Neon lighting (Route 66)

### General comments:

- Possible lighting inventory of installed lighting (data base).
- Availability of Dark Sky compliant supplies for residential is no longer an issue, but priced slightly higher. Commercial supplies are very expensive.
- A lot more education is needed regarding Dark Sky lighting.
- Revisit retail/business lighting in respects to Traditional Neighborhood Design standards.

- Pedestrian lighting implications of Traditional Neighborhood Design standards.
  - Discuss long term needs of street lights for private streets.
  - Current code is not strong in addressing new lights on existing buildings
  - Review a CA city's lighting code that required all residential exterior lights to be installed in a soffit.
6. Dot mapping exercise for Flagstaff
- Green: Preserve  
Blue: Needs to evolve  
Red: Must transform
7. Future meetings:  
First and third Tuesday of the month from 2:00 – 3:30 pm, and the fifth Tuesday of the month, when it occurs.
8. Election of a chair person and vice-chair person  
Chair person: Wes Lockwood  
Vice Chair: Gerry Craig
9. Adjournment  
3:06 p.m.